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Figure 1



Figure 2

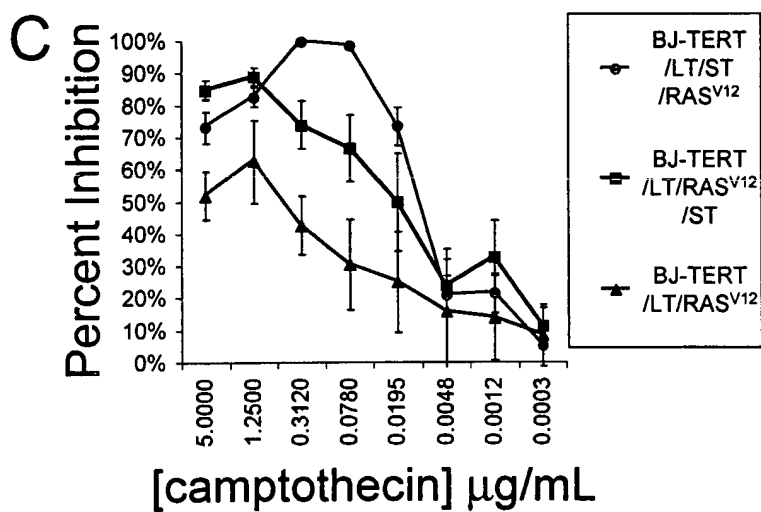
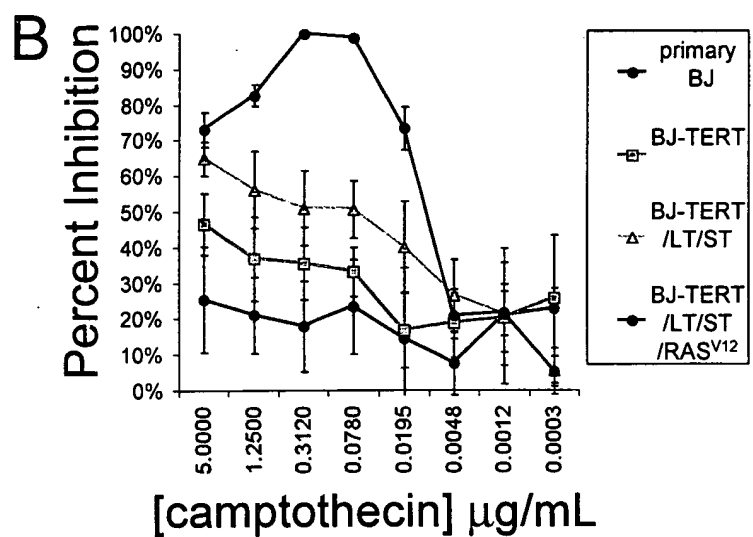
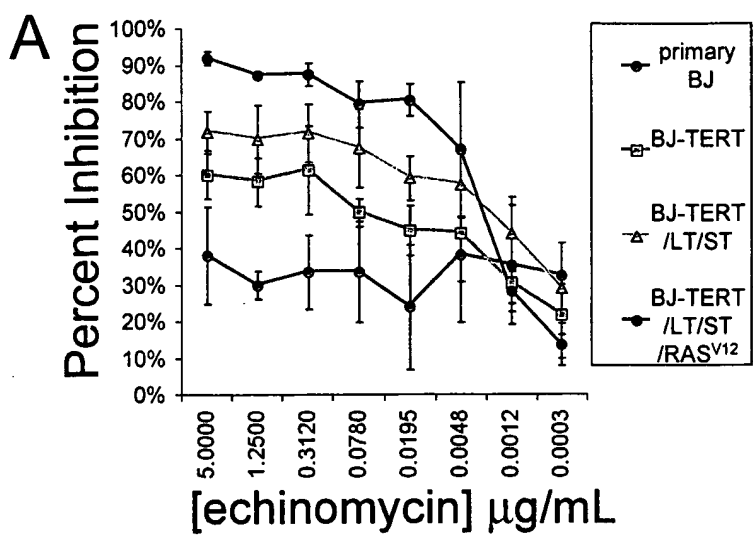


Figure 3

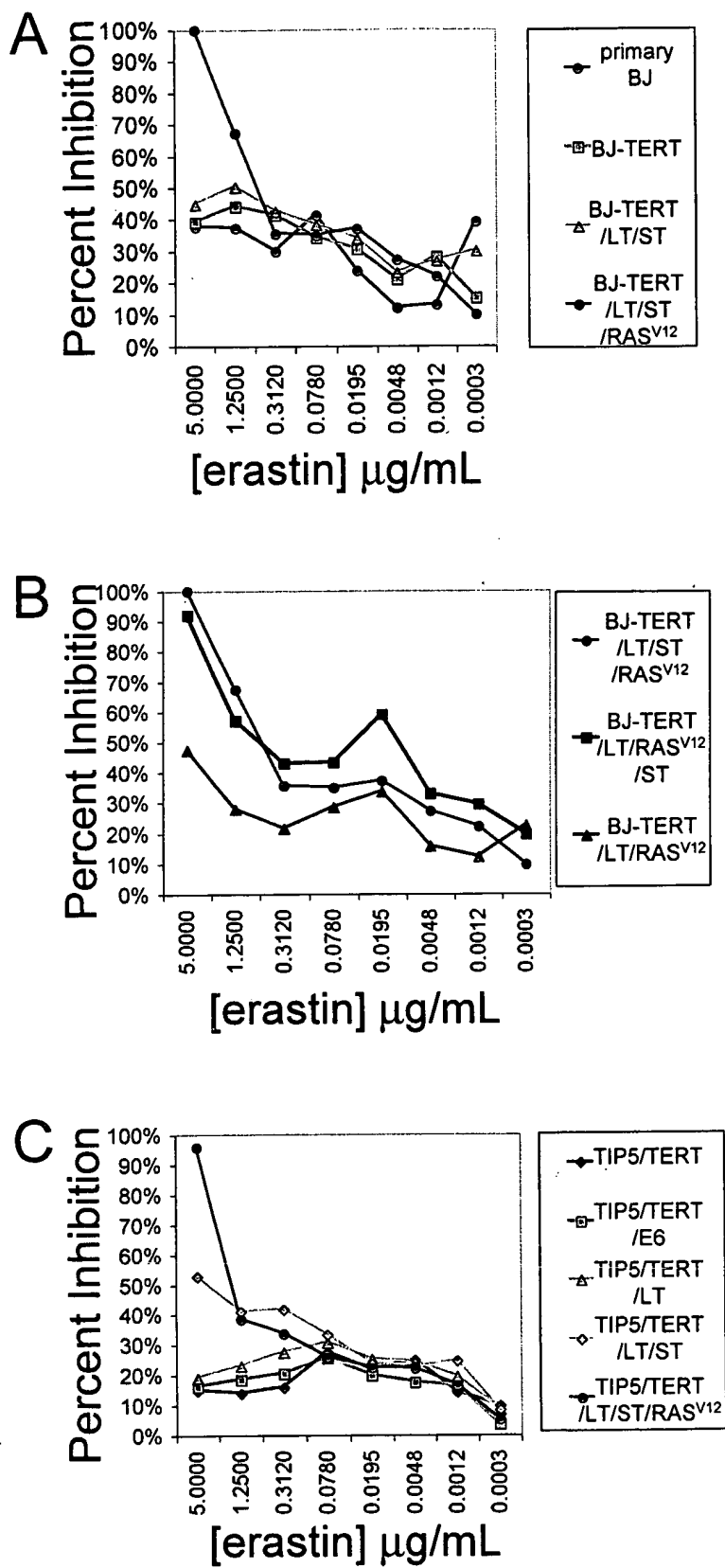


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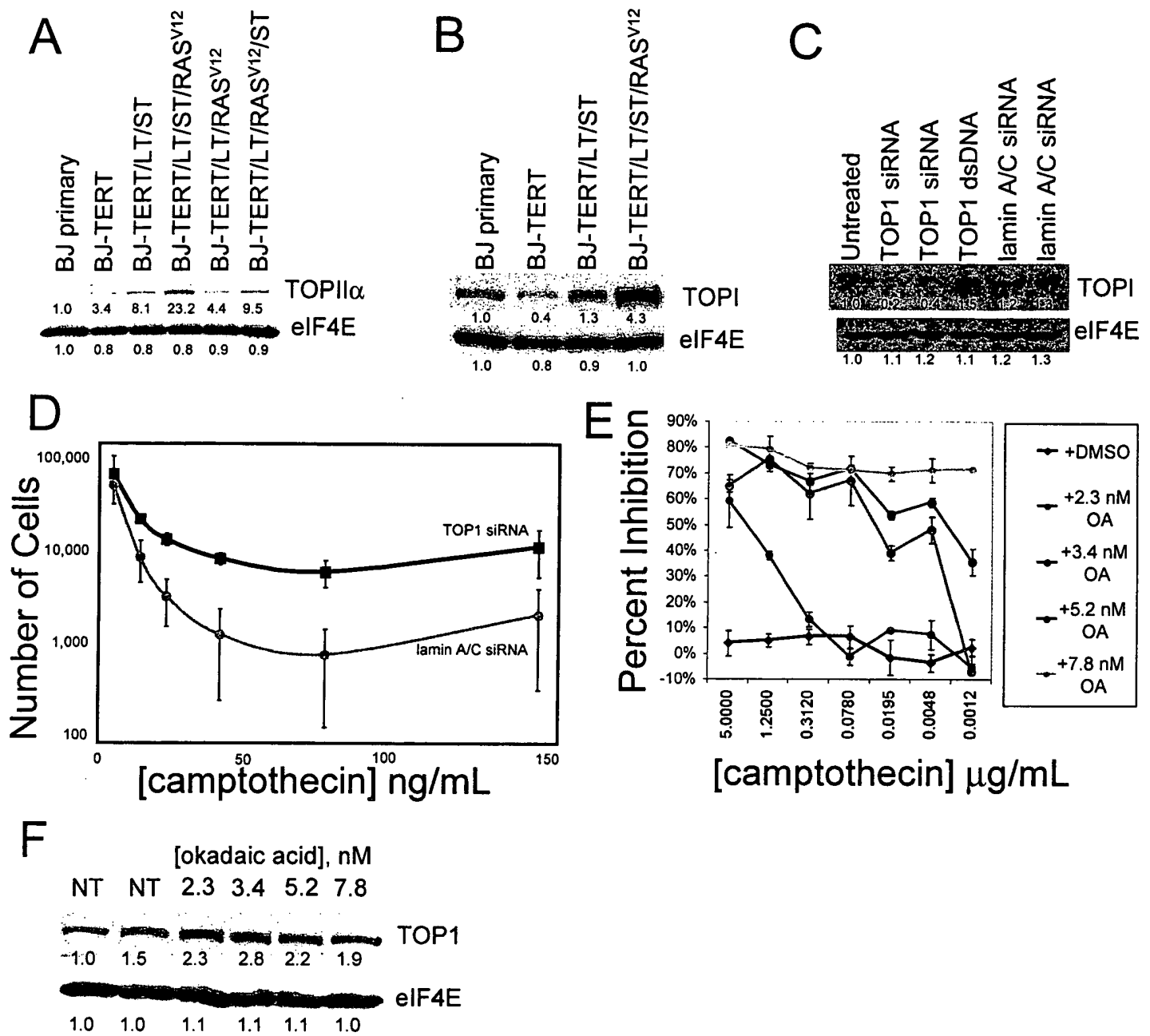


Figure 5

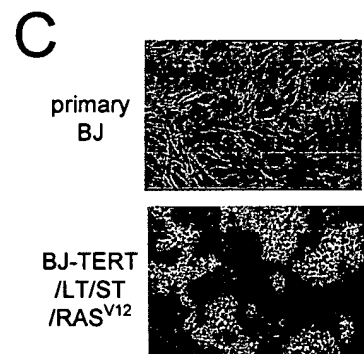
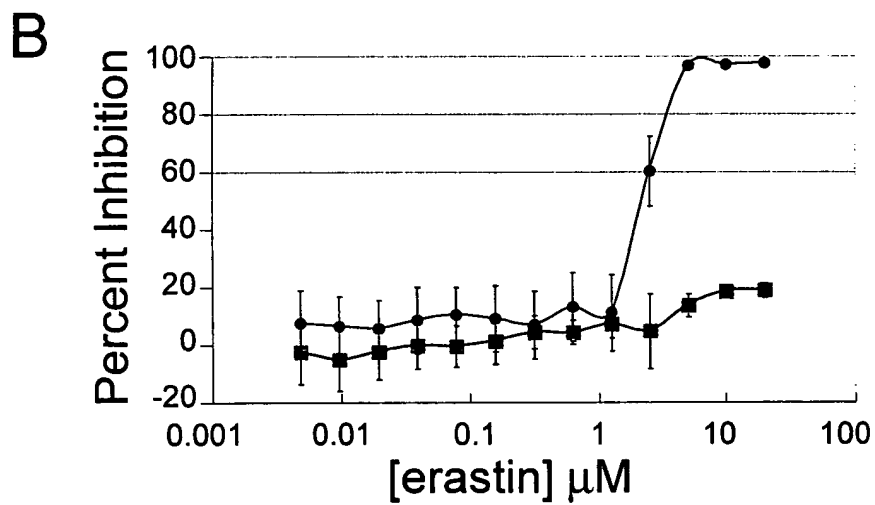
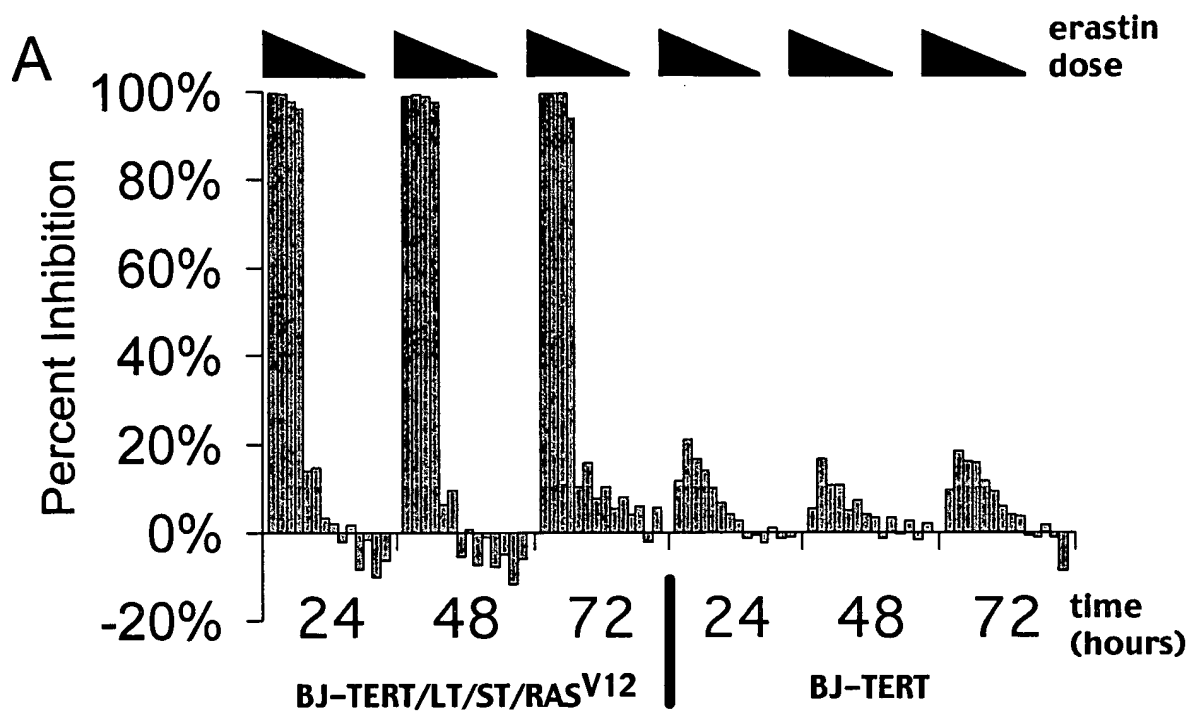


Figure 6

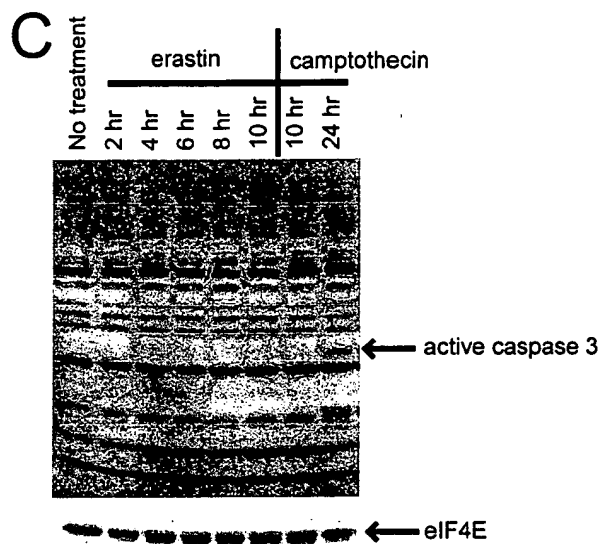
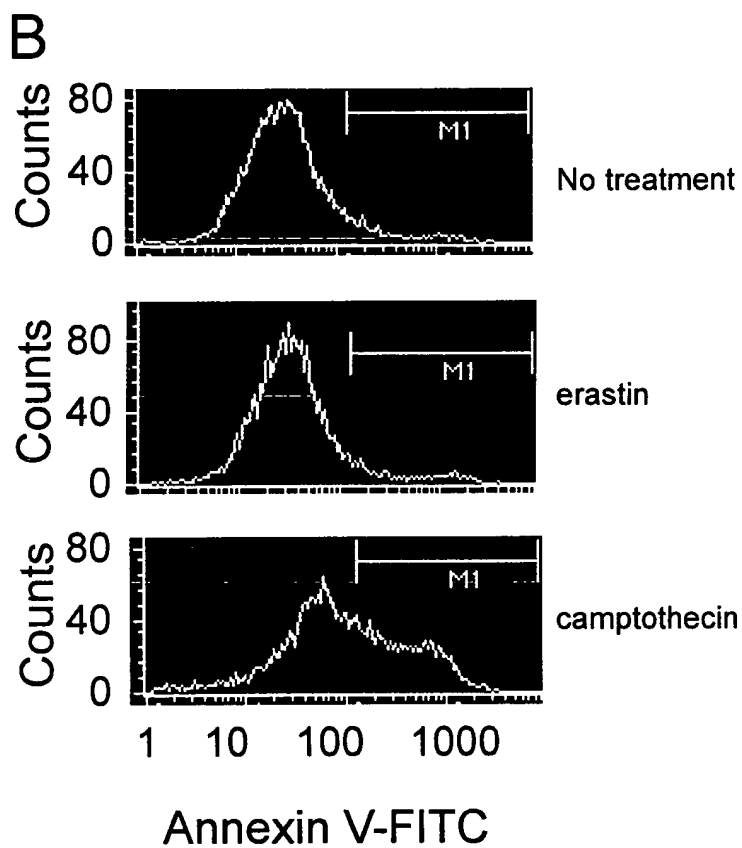
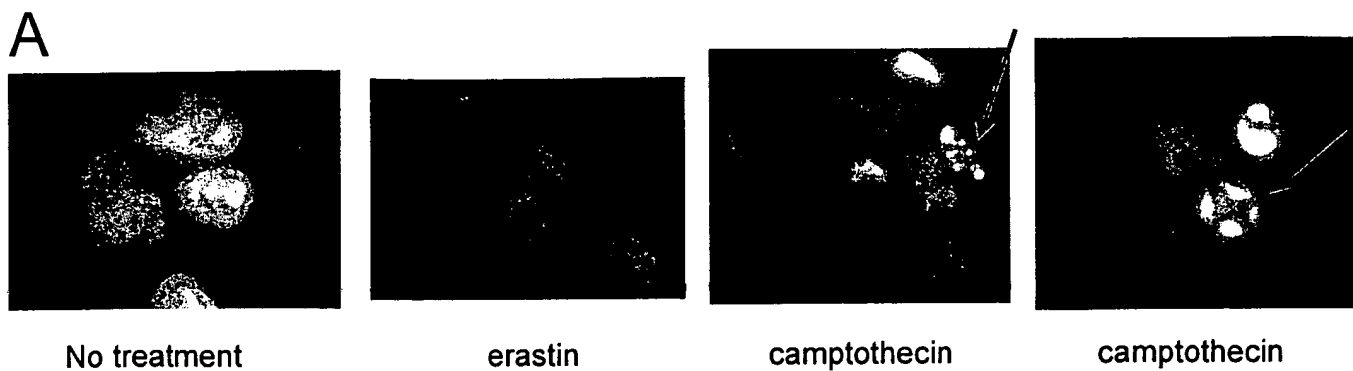


Figure 7

Structure Activity Relationship for Erastin

- Tested 135 analogs of erastin for activity and selectivity (tumor vs. normal)
- 134 were inactive
- 1 was active and selective, but less potent than erastin

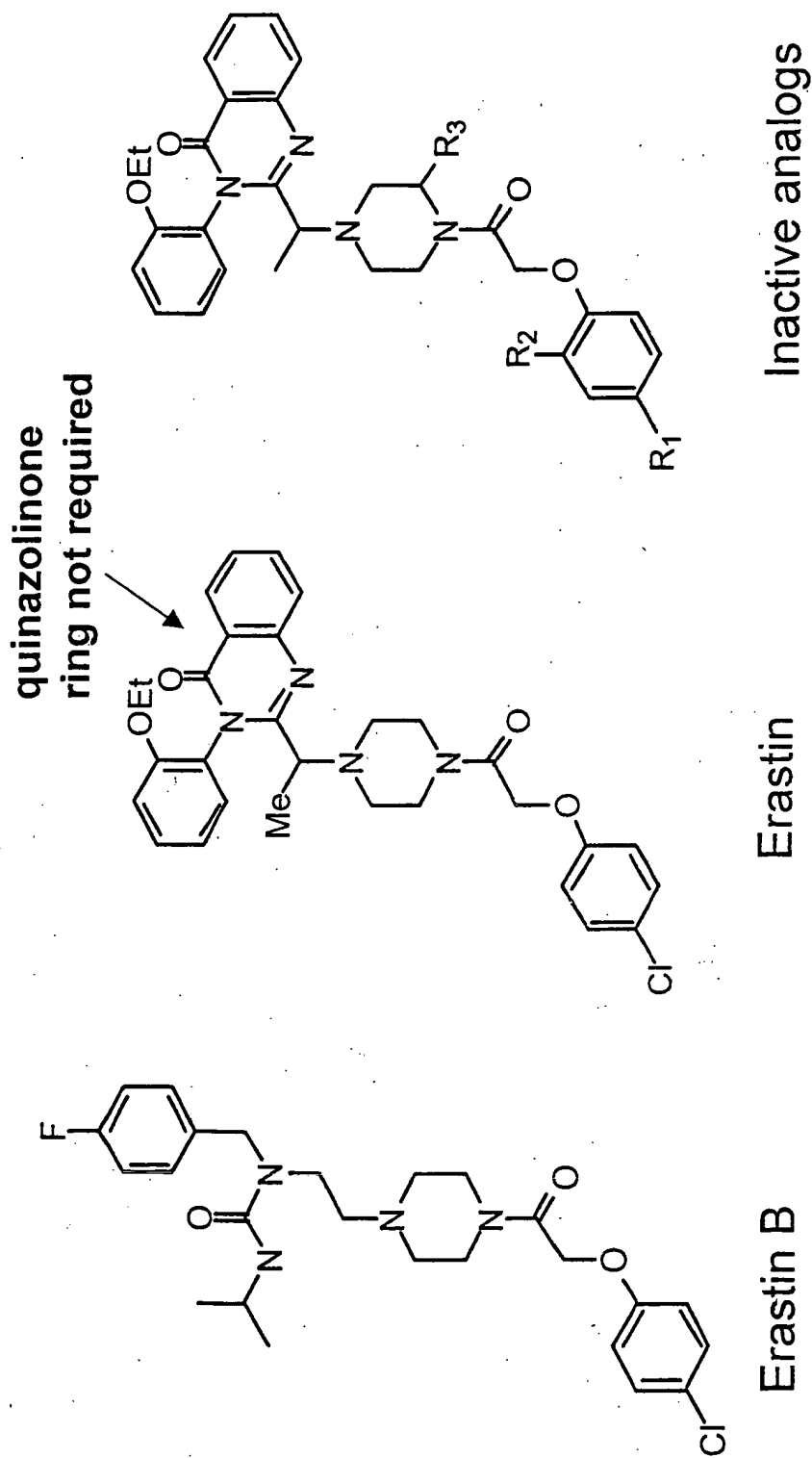


Figure 8

***Nuclei Are Intact in Erastin-treated
Tumor Cells***

9 μ M erastin 18 hrs

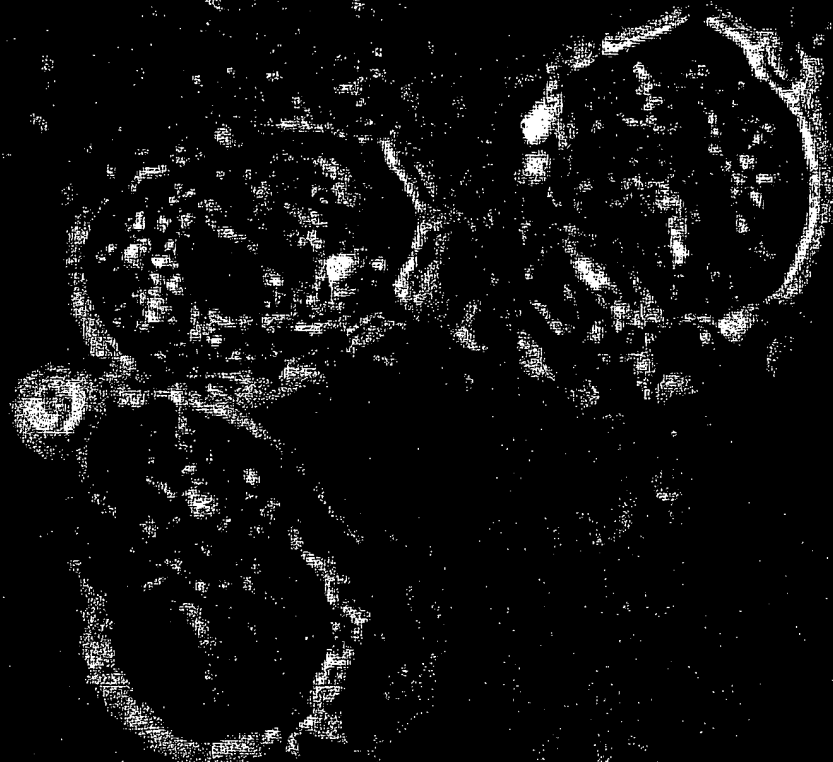
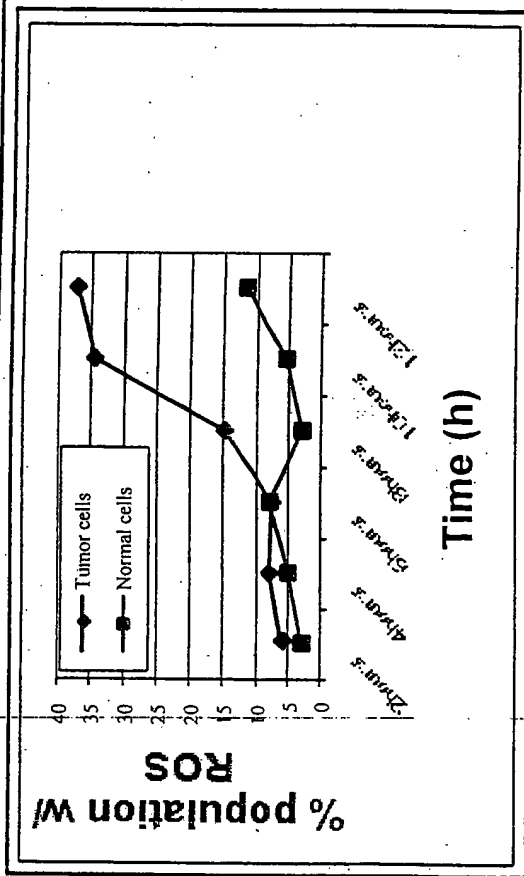
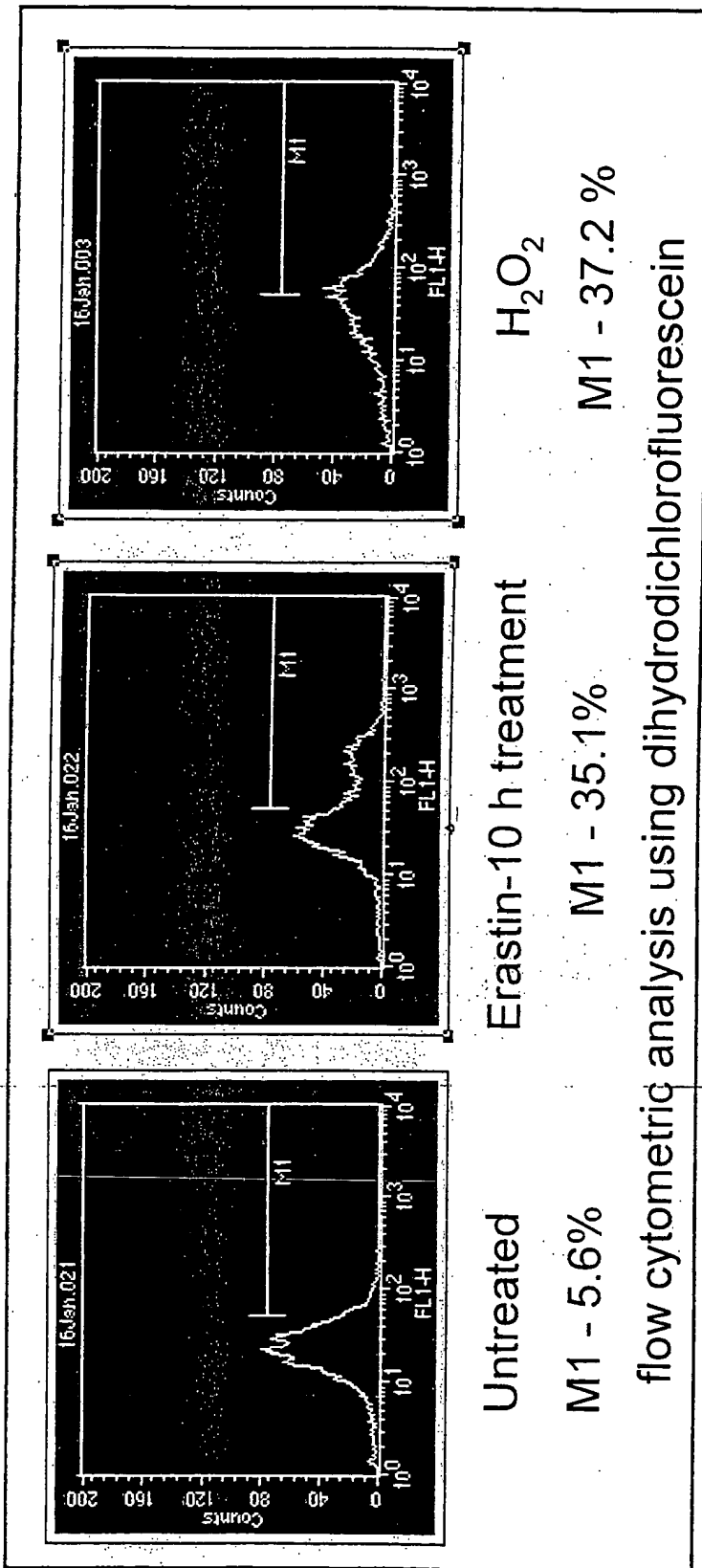


Figure 9

Erastin Induces the Formation of Reactive Oxygen Species



Sonam Dolma

Figure 10

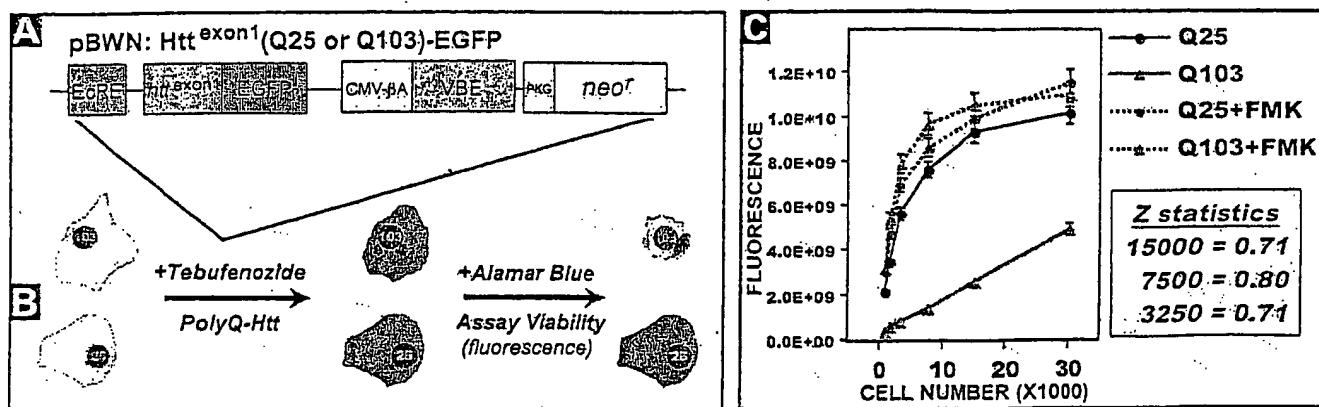


Figure 1 Modeling Htt-polyQ neurotoxicity in PC12 cells.

Figure 11

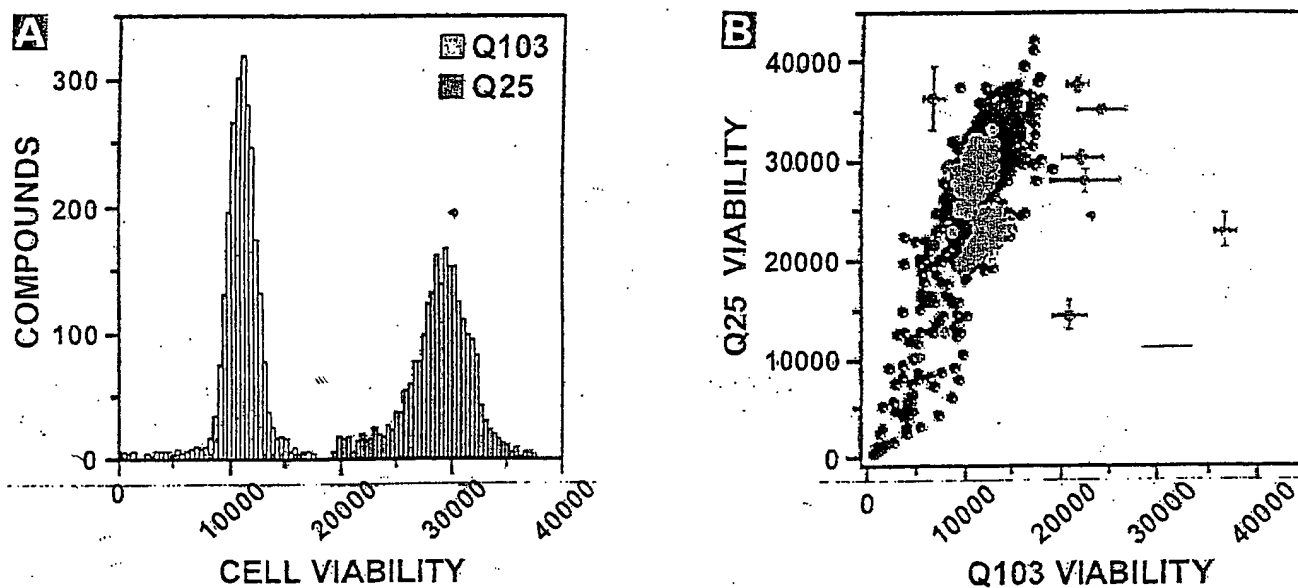


Figure 12

Figure 13. Effect of cell density on coefficient of variation (CV)

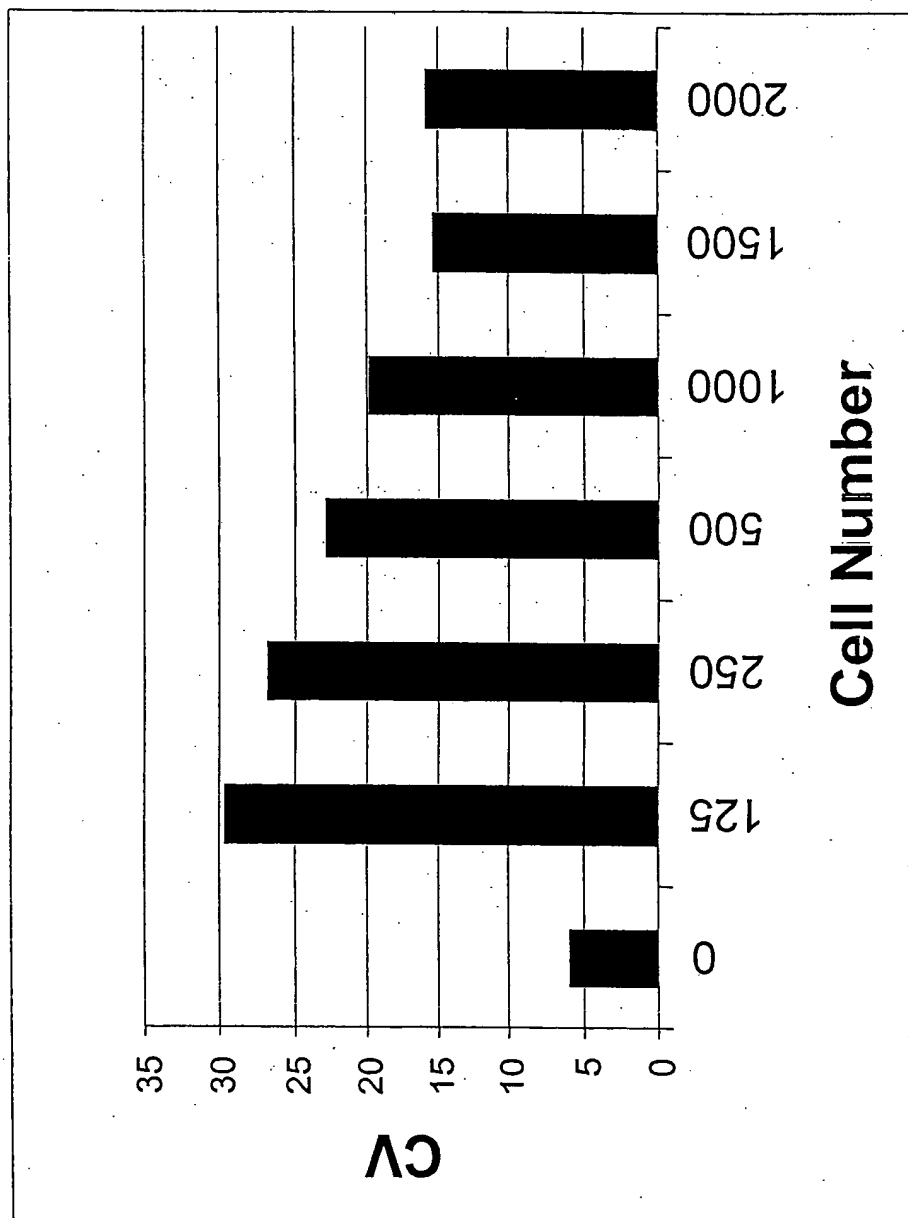


Figure 13

**Figure 14. Dose-Response for Suppressor of Mutant
Huntingtin-Induced Toxicity**

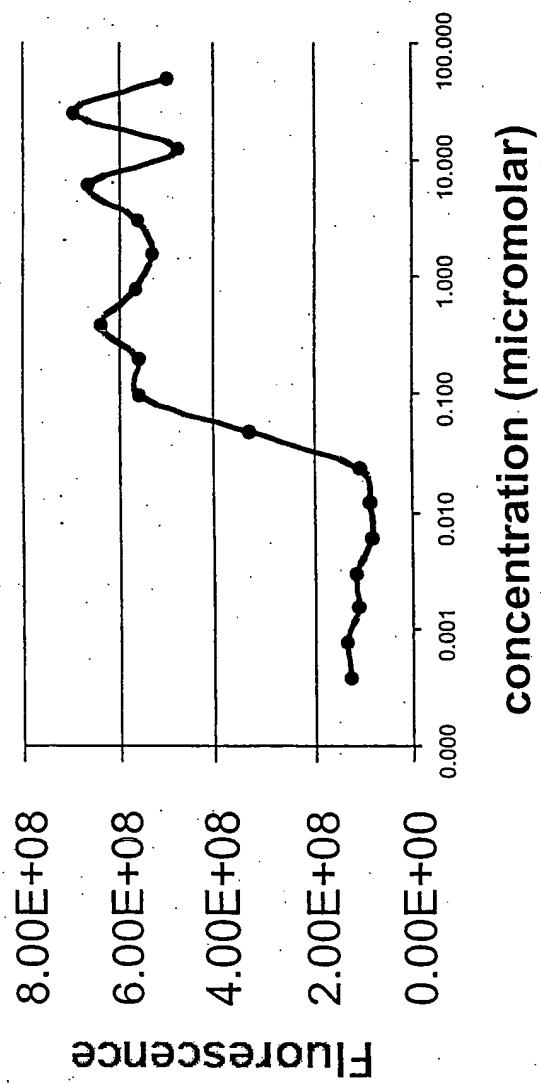
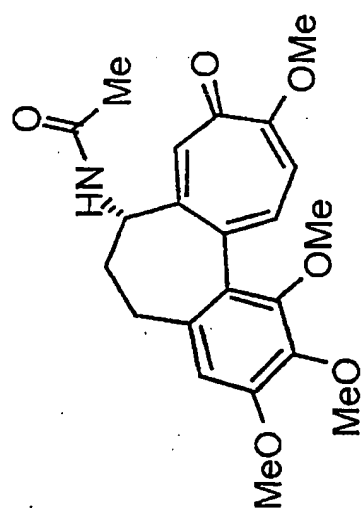
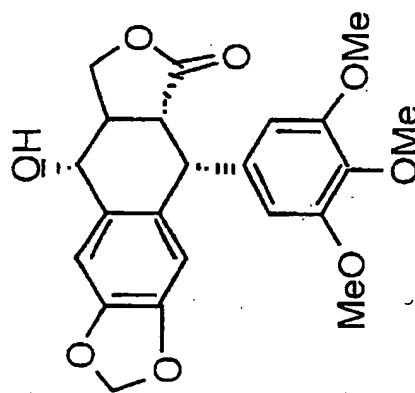


Figure 14

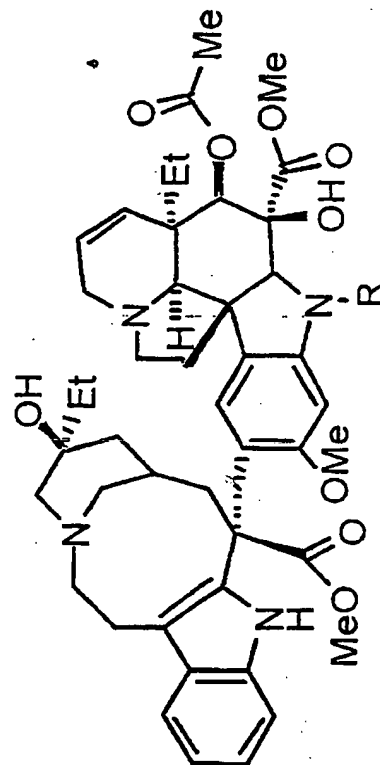
Tubulin Inhibitors Suppress Mutant Huntingtin-Induced Cell Death



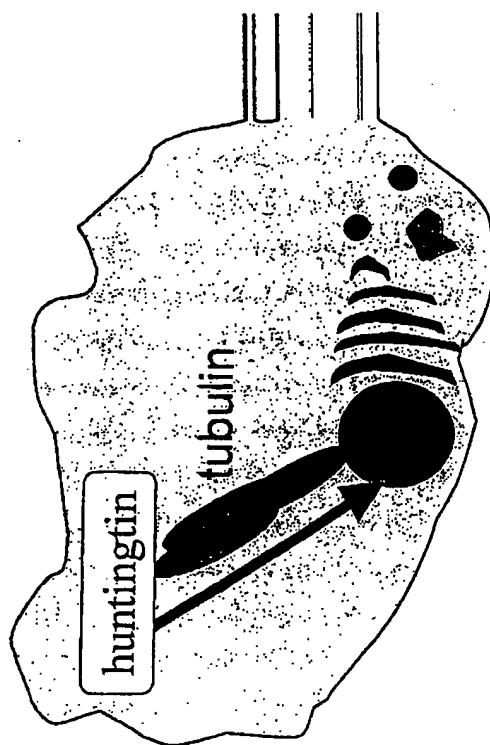
colchicine



podophyllotoxin



vincristine, vinblastine



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